

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"5046468"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/10 08:33
L2	22	pulse emitter same (grooves or groove or ridge or teeth)	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/10 08:35
L3	0	0684454A1	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/10 08:42
L4	0	EP00068445A1	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/10 08:43
L5	0	EP68445A1	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/10 08:43
L6	0	("EP684454A1").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/10 08:43
L7	0	("EP684454").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/10 08:43
L8	0	("EP684454").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/04/10 08:44
L9	0	EP68445	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/04/10 08:44
L10	1	Magnetically induced pulse generator	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/04/10 08:45
L11	37766	("91").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/04/10 11:16
L12	0	("L11and(Rotatororrotateorrotatingorrotororwrist) andemitterandpulse").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/10 11:18
L13	16	L11 and (rotator or rotate or rotating or rotor or wrist) and emitter and pulse	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:19

L14	34801	("92").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/04/10 11:22
L15	1	L14 and (rotate or rotator or rotating or wrist) and emitter and pulse	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:22
L16	459	401/34	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:31
L17	311	74/490.05	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:35
L18	242	74/490.06	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:37
L19	0	L17 and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:38
L20	0	L17 and pulse and emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:38
L21	1	L18 and pulse and emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/10 11:38
S1	0	("andersjonsson").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/31 17:10
S2	2	anders jonsson	US-PGPUB; USPAT	ADJ	ON	2009/03/31 17:10
S3	34	((ANDERS) near2 (JONSSON)).INV.	USPAT	ADJ	ON	2009/03/31 17:13
S4	0	02/18714	US-PGPUB; USPAT	ADJ	ON	2009/04/01 16:19
S5	0	WO 02/18714	US-PGPUB; USPAT	ADJ	ON	2009/04/01 16:20
S6	0	WO 02/18714	US-PGPUB; USPAT; FPRS; EPO; JPO	ADJ	ON	2009/04/01 16:20
S7	0	WO 02/18714	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/01 16:21

S8	0	(02/18714).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/04/01 16:21
S9	0	leon howarth	US-PGPUB; USPAT	ADJ	ON	2009/04/01 16:31
S10	2520	howarth	US-PGPUB; USPAT	ADJ	ON	2009/04/01 16:31
S11	172	howarth locking device	US-PGPUB; USPAT	AND	ON	2009/04/01 16:31
S12	0	howarth locking device	FPRS; EPO; JPO	AND	ON	2009/04/01 16:43
S13	4	howarth locking device	DERWENT	AND	ON	2009/04/01 16:43
S14	1	("4042272").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/01 16:48
S15	1	("9937136").PN.	DERWENT	OR	OFF	2009/04/01 17:30
S16	1	("9937136").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/04/01 17:33
S17	8	("9402227").PN.	DERWENT	OR	OFF	2009/04/02 08:49
S18	0	(414/23).OCLS.	DERWENT	OR	OFF	2009/04/02 10:01
S19	175	414/23	US-PGPUB; USPAT	ADJ	ON	2009/04/02 10:01
S20	889	901/9	US-PGPUB; USPAT	ADJ	ON	2009/04/02 10:27
S21	660	901/29	US-PGPUB; USPAT	ADJ	ON	2009/04/02 10:48
S22	780	414/723	US-PGPUB; USPAT	ADJ	ON	2009/04/02 14:30

S23	1036	901/15	US-PGPUB; USPAT	ADJ	ON	2009/04/02 16:08
S24	615	S23 and (rotator or rotor or hydraulic or pulse or sensor)	US-PGPUB; USPAT	ADJ	ON	2009/04/02 16:16
S25	9	rotator and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/02 17:45
S26	0	rotator and pulse emitter and (hydraulic or fluid)	FPRS; EPO; JPO	ADJ	ON	2009/04/02 17:50
S27	0	rotator and pulse emitter and (hydraulic or fluid)	DERWENT	ADJ	ON	2009/04/02 17:50
S28	49	rotator and (pulse or sensor) and (hydraulic or fluid)	DERWENT	ADJ	ON	2009/04/02 17:51
S29	1	("6135175").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/06 15:38
S30	1	("5377913").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/06 15:42
S31	681	(144/4.1).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/06 15:56
S32	671	(144/34.1).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/06 16:21
S33	633	(92/5R).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/06 16:42
S34	252	S33 and (pulse adj emitter or sensor)	US-PGPUB; USPAT	ADJ	ON	2009/04/06 17:31
S35	2	S33 and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/06 17:55
S36	209	294/86.41	US-PGPUB; USPAT	ADJ	ON	2009/04/06 17:58
S37	1	("0103935").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/04/06 18:04

S38	3	"0103935"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/04/06 18:05
S39	268	144/336	US-PGPUB; USPAT	ADJ	ON	2009/04/07 08:39
S40	220060	"418"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 08:59
S41	1539	"418" and rotator	US-PGPUB; USPAT	ADJ	ON	2009/04/07 08:59
S42	161	"418" and rotator and hydraulic	US-PGPUB; USPAT	ADJ	ON	2009/04/07 08:59
S43	9	418/162	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:07
S44	0	"60.cls"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:11
S45	2791832	"60"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:12
S46	1	("0000060").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/07 09:12
S47	0	("class60").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/07 09:12
S48	251	class "60"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:13
S49	2791832	"60"/	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:14
S51	16393	S50 and hydraulic	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:14
S52	66	60/201	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:20
S53	35	S50 and hydraulic and rotator	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:23
S54	0	S50 and hydraulic and (rotator or rotor or rotate or rotation) and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:27

S55	0	S50 and hydraulic and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:27
S56	12	S50 and hydraulic and rotator and sensor	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:28
S57	871504	"73"/	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:38
S58	142181	("73").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/04/07 09:38
S59	42	S58 and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:39
S60	177	S58 and sensor and rotator	US-PGPUB; USPAT	ADJ	ON	2009/04/07 09:41
S61	1	(09/388392).APP.	USPAT; USOCR	ADJ	ON	2009/04/07 09:46
S62	1	(09/907126).APP.	USPAT; USOCR	ADJ	ON	2009/04/07 09:47
S63	207	(403/31).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/07 09:55
S64	84	(403/34).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/07 10:03
S70	37763	("91").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/04/07 10:16
S71	0	("L5androtatorandhydraulicand(sensororpulseemitter)"). PN.	US-PGPUB; USPAT	OR	OFF	2009/04/07 10:17
S72	5	S70 and rotator and hydraulic and (pulse emitter or sensor)	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:17
S73	1459	S70 and hydraulic and (pulse emitter or sensor)	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:20
S75	1	"7311489"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:30
S76	1	"7152519"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:36

S77	1	"7114537"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:38
S78	2	"6435235"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:39
S79	5	"6123124"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:45
S80	2	"5954105"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:48
S81	9	"5908060"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:50
S82	2	"6517131"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:52
S83	7	"6491329"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:56
S84	6	"4723804"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 10:58
S85	3	"6965411"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:01
S86	2	"6289957"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:04
S87	5	"6085811"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:07
S88	120	414/564	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:09
S89	496	414/626	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:15
S90	96	414/72	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:39
S91	7	"6085871"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:47
S92	8	"4989652"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:48

S93	3	"6340060"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:52
S94	4	"4947646"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:54
S95	4	"6474146"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:55
S96	3	"6483422"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 11:58
S97	5	"6386020"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:00
S98	1	"6327906"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:02
S99	1	"7311489"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:03
S100	15	"5330242"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:04
S101	4	"5071184"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:09
S102	2	"6691751"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:10
S103	2	"6289957"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:14
S104	61	"6135175"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:18
S105	8	"5975166"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:23
S106	4	"5579816"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:26
S107	8	"5553993"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:27
S108	12	"5082036"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:28



S109	8	"4989652"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:32
S110	14	"5377913"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:33
S111	4	"6516841"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:34
S112	9	"5908060"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:36
S113	7	"5785101"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:38
S114	4	"5579816"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:40
S115	13	"623791"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:42
S116	16	"4800936"	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:42
S117	55	"414" and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:52
S118	68723	("414").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/04/07 12:52
S119	6	S118 and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/07 12:52
S120	0	("7614360").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/07 17:08
S121	2	("7614360").PN.	EPO; DERWENT	OR	OFF	2009/04/07 17:09
S122	5	("4042272").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2009/04/07 17:42
S123	2	("5908060").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2009/04/07 17:59

S124	1	("6474146").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/07 18:01
S125	1	("6327906").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/07 18:02
S126	1	("5330242").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/07 18:04
S127	8	("5908060").URPN.	USPAT	ADJ	ON	2009/04/08 09:04
S128	8	("5908060").URPN.	USPAT	ADJ	ON	2009/04/08 09:04
S129	4	"4042272"	USPAT	ADJ	ON	2009/04/08 09:28
S130	840	pulse emitter	USPAT	ADJ	ON	2009/04/08 10:35
S131	252	pulse emitter and (rotate or rotator or rotating)	USPAT	ADJ	ON	2009/04/08 10:36
S132	4	"3726426"	USPAT	ADJ	ON	2009/04/08 15:26
S133	21	"423999"	USPAT; EPO; DERWENT	ADJ	ON	2009/04/08 15:30
S134	12	"1086242"	USPAT; EPO; DERWENT	ADJ	ON	2009/04/08 15:31
S135	7	"3726426"	USPAT; EPO; DERWENT	ADJ	ON	2009/04/08 15:36
S136	63442	(pulse emitter or sensor) and grooves	US-PGPUB; USPAT	ADJ	ON	2009/04/08 15:52
S137	28	pulse emitter and grooves	US-PGPUB; USPAT	ADJ	ON	2009/04/08 15:53
S138	68723	("414").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/04/08 16:07
S139	6	S138 and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/08 16:07

S140	4	"0218714"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/04/08 16:36
S141	497	S138 and emitter	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/04/08 16:39
S142	107	S138 and emitter and grooves	US-PGPUB; USPAT	ADJ	ON	2009/04/08 16:40
S143	142181	("73").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/04/08 16:57
S144	42	S143 and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/08 16:58
S145	9	pulse emitter and rotator	US-PGPUB; USPAT	ADJ	ON	2009/04/08 17:01
S146	95	pulse emitter and (grooves or teeth)	US-PGPUB; USPAT	ADJ	ON	2009/04/08 17:11
S147	207729	"294"/	US-PGPUB; USPAT	ADJ	ON	2009/04/08 17:15
S148	47	S147 and pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/08 17:15
S149	20	pulse emitter same (grooves or teeth)	US-PGPUB; USPAT	ADJ	ON	2009/04/08 17:46
S150	3	"4063107"	US-PGPUB; USPAT	ADJ	ON	2009/04/09 07:37
S151	1044	pulse emitter	US-PGPUB; USPAT	ADJ	ON	2009/04/09 07:41
S152	26	"4091978"	US-PGPUB; USPAT	ADJ	ON	2009/04/09 07:59
S153	13	"4290723"	US-PGPUB; USPAT	ADJ	ON	2009/04/09 08:03
S154	55	incremental coder	US-PGPUB; USPAT	ADJ	ON	2009/04/09 08:44

S155	0	JP "6156970"	JPO	ADJ	ON	2009/04/09 09:39
S156	0	("JP615970").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/09 09:41
S157	0	("Murikami").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/09 09:41
S158	0	("Murikami").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2009/04/09 09:41
S159	83201	murakami	US-PGPUB; USPAT; JPO	ADJ	ON	2009/04/09 09:42
S160	0	akira muakami	US-PGPUB; USPAT; JPO	ADJ	ON	2009/04/09 09:42
S161	0	murakami and u8ntwisting	US-PGPUB; USPAT; JPO	ADJ	ON	2009/04/09 09:42
S162	28	murakami and untwisting	US-PGPUB; USPAT; JPO	ADJ	ON	2009/04/09 09:42
S163	362	gyrometer	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/09 09:59
S164	4	"5071184"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/09 13:46
S165	8	"4989652"	US-PGPUB; USPAT; EPO	ADJ	ON	2009/04/09 14:41

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